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Inventor:

Applicant: STONE J & CO LTD; JOHN FURSE BANCROFT VIDAL

Classification:

- international: **F04D29/04; F04D29/04;**

- european: F04D29/04C2

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#### Abstract of GB373146

373,146. Rotary fans. STONE & CO., Ltd., J., Deptford, and VIDAL, J. F. B., 18, Brandram Road, Lee, both in London. Feb. 16, 1931, No. 4861. [Class 110 (i).] A complete unit comprising an electrically driven spindle for a fan *n* and its motor is held in an annular mounting from which it can be withdrawn without disturbing any of the parts of the mounting. The fork *c* is fixed to a wall or a stand, and supports the fan mounting *a* by means of trunnions *b*. The end wall of the mounting *a* has a central hole surrounded by a rim *d* which carries bosses in which are fixed the inner ends of the fan guard supports *f*. A resilient seating ring *h* consisting of a spring ring having a thick rubber coating is sprung into position in the mounting *a* to engage the shoulder *j*<sup>2</sup> of the motor casing. A number of rubber studs or felt pads may be used instead of the ring *h*. The casing of the motor has a cylindrical extension *j*<sup>1</sup> which enters the central hole of the mounting *a* and is held by a flanged nut *l* screwed down on a washer *m* of fibre or rubber; this draws the shoulder *j*<sup>2</sup> firmly against the ring *h*. When the fan *n* is removed and the nut *l* unscrewed, the motor can be withdrawn. The ring *h* and washer *m* prevent any transmission of sound.

